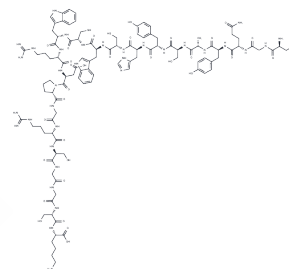


TPP-1

Chemical Properties

CAS No. : 2426685-25-6
Formula: C107H150N34O32S2
Molecular Weight: 2488.67
Storage: Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	TPP-1, a potent inhibitor of the PD-1/PD-L1 interaction, exhibits high affinity for PD-L1, with a dissociation constant (K D) of 95 nM. It effectively inhibits human tumor growth in vivo by reactivating T-cell function [1].
Targets(IC50)	PD-1/PD-L1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4018 mL	2.0091 mL	4.0182 mL
5 mM	0.0804 mL	0.4018 mL	0.8036 mL
10 mM	0.0402 mL	0.2009 mL	0.4018 mL
50 mM	0.008 mL	0.0402 mL	0.0804 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481